Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

AMILO Notebook Si 3655
Express your passion

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Version 2

Pages 5

Enjoy your personal independence and experience the smooth and pearlescent finish on the AMILO Notebook S series.

Key Features

Processor technology
- Latest Intel® Centrino® 2 processor technology with Intel® Core™ 2 Duo processor for great performance on the go and enhanced battery runtime

Operating System
- Windows Vista® Home Premium

Mobility
- 13.3-inch form-factor that fits in almost every bag
- Integrated high-speed draft-n Wireless LAN for online access when & wherever you want
- Mobile Intel® Graphics Media Accelerator 4500MHD for an extended battery runtime of up to 4:30 hours

Reliability
- Spill-proof keyboard to protect your notebook against accidental spills
  - Enough time to shut down the notebook
  - Get the liquid removed from the notebook
  - Protects your investment and your data
- Engineered in Germany means the test centre in Germany tests conformity to international standards and customer-specific requirements
- A+ grade LCD panels for better picture quality

Entertainment and Multimedia
- The integrated Logitech QuickCam™ with low-light technology for great video-quality even in low-light conditions and the built-in array microphone are perfect for Internet calls (VoIP) and video chats
- LCD WXGA display with BrilliantView technology for vivid colours, amazing sharpness and impressive contrast
- Enjoy your favourite Hollywood blockbuster on an external display via DVI (with HDCP support)

More convenience thanks to
- the silent mode function to reduce the fan noise
- the built-in DVD drive to store and secure data comfortably on the move

Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Operating system and Recovery	
Operating system	Genuine Windows Vista® Home Premium (32-bit version)
Fujitsu Siemens Computers Recovery Program	Backup and restore the original status of the hard disk and create system restore disks
Architecture	
System architecture	Intel® Centrino® 2 processor technology
Chipset	Intel® GM45 + ICH9M
Processors[1]	
Intel® Core™2 Duo processor	P8400 (2.26 GHz, 1066 MHz, 3 MB L2 cache) P8600 (2.4 GHz, 1066 MHz, 3 MB L2 cache)
Memory	2 SO-DIMM memory slots (no memory on board)
Memory speed	800 MHz
Memory type	DDR 2 RAM
Memory modules	1024 or 2048 MB
Max. memory size[1, 2]	4096 MB
Drives	
Hard disk drive	
HDD type	SATA
HDD size	2.5-inch
HDD speed	5400 rpm
HDD cache	8 MB
HDD capacity[1]	250 or 320 GB
Optical disc drive (built-in)	
ODD type	SATA, slim-slot
ODD technology	SuperMulti-format DVD burner with dual double layer (DL) support
ODD read speed	CD-ROM 24x, DVD-ROM 8x
ODD write speed	CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 6x, DVD-R DL (8.5 GB) 6x, DVD-RAM 5x
Display	
Display type	BrilliantView LCD
Display size	13.3-inch
Display resolution (intern)	1280 x 800 pixels
Display resolution (extern)	1920 x 1200
Resolution type	WXGA
Reaction time	16 ms
Brightness (typ.)	200 NIT
Contrast (typ.)	400 : 1
Compliance with standards	ISO 13406-2 class II
Graphics	
Dedicated graphics (full name)	-
Dedicated video memory	-
Onboard graphics chip	Mobile Intel® Graphics Media Accelerator 4500MHD
Shared video memory[3]	Up to 1277 MB shared memory
3D Benchmark 2006	830 points
Graphic features	■ DirectX® 10 support

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Interfaces	
Video	1x DVI-I
Audio	1x line in, 1x microphone in, 1x line out / headphone out combined with S/PDIF out
Network	1x LAN (RJ-45)
Data	1x eSATA combined with USB, 2x USB 2.0, 1x IEEE1394 1x ExpressCard slot (54 / 34 mm) 1x 15-in-1 card reader[4] SD, miniSD, MicroSD, SDHC MS, MS-Duo MMC, RS-MMC, MMC-Micro MSPRO, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2 xD picture card
Power supply	1x DC-in
Communication	
Integrated Bluetooth®	2.1
LAN (Local Area Network)	10 / 100 / 1000 Mbps
Built-in WLAN (Wireless Local Area Network)	Yes
WLAN brand name	Intel® WiFi Link 5100 AGN
WLAN type	pre-n 802.11b/g/n
WLAN max. data range	up to 300 Mbps
WLAN encryption	WEP, WPA and WPA2
WLAN antenna	2x
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY
Multimedia	
Audio	Support of HD audio for S/PDIF output with up to 7.1 channels
Audio chip	Realtek ALC888
Speakers	2x built-in speakers (1.5 W each)
Microphone	Built-in digital array microphone
Subwoofer	-
Input device	Sound volume control via function key
AMILOcam	
Brand name	Logitech QuickCam™
Image sensor	1.3 mega pixels webcam
Frames per second	30[5]
Features	■ Auto focus ■ Automatic brightness adjustment with status LED (blue: on, red: streaming / application on) ■ Low-light technology for great video-quality even in dark surrounding
Input devices / Control buttons	
Power button	Located at the top of the keyboard, back-lighted
Keyboard	Spill-proof keyboard with 85 keys
Touchpad	Hidden touchpad, with left and right mouse button, touchpad disable function via function key combination (Fn+F6)
Multimedia keys	Located at the top of the keyboard to launch the following applications: ■ Silent mode function (reduce noise level / fan speed, by reducing the CPU performance, office applications, Internet and DVD playback are not affected) ■ DVD / multimedia playback ■ ODD eject

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Hot keys	The following hot keys or key combinations are available ■ Fn+F1 WLAN / Bluetooth on / off ■ Fn+F3 Mute on / off ■ Fn+F4 Volume down ■ Fn+F5 Volume up ■ Fn+F6 Touchpad on / off ■ Fn+F7 Camera on / off ■ Fn+F8 Brightness down ■ Fn+F9 Brightness up ■ Fn+F10 Display switch ■ Fn-F11 Silent mode ■ Fn+F12 S3 Sleep mode
Status indicators	The notebook has 3 status LEDs: ■ Power status (& suspend) Blue (always on): on; Blue blinking: stand by, None: off ■ Battery charge Blue (always on): full, Blue blinking: charging; Red blinking: < 10 % capacity ■ WLAN / Bluetooth Blue: on; None: off
Security	
Supervisor and user password	Yes
Kensington lock	Yes
Lid switch (hidden)	Yes
ACPI functions	ACPI 3.0 compliant for Vista requirement ■ S1 LCD off ■ S3 save to RAM ■ S4 save to disk ■ S5 soft off
Power System	
Battery[6]	
Battery type[1]	Lithium-Ion battery 6 cells, 11.1 V / 2400 mAh (cell) / 4800 mAh (pack)
Battery runtime (idle mode)[7]	Up to 4:30 hours (depending on usage)
Battery runtime (DVD playback)[8]	Up to 2:20 hours (depending on usage)
Battery charging time (idle mode)[9]	Up to 2:30 hours
Battery charging time (normal use)[10]	Up to 2:30 hours (depending on usage)
Battery charging time (off mode)	Up to 2:15 hours
AC Adapter	Dynamic charge supported, ACPI 2.0 supported
Wide Range AC adapter	110 - 240 V AC, 50 - 60 Hz
Output	65 W with 20 V DC, 3.25 A
Energy consumption	
S0 (idle mode)	20 W (depending on configuration and charging state)
S0 (max. active mode)[11]	48 W (depending on configuration and charging state)
S3 (stand by / energy saving mode)	1 W (depending on configuration and charging state)
S4 (hibernate)	< 0.2 W (depending on charging state)
S5 (off mode)	< 0.2 W (depending on charging state)
Noise emission	
Idle mode[12]	23.8dBA / 0.38 sone (silent mode off)
Maximum active mode[13]	31.4dBA / 1.14 sone (silent mode off)
Operating conditions	
Operational	5 ℃ to 35 ℃ (ambient temperature) 10 % to 90 % relative humidity, non-condensing
AC input	100 - 240 V, 50 - 60 Hz
Dimensions and weight	
W x D x H	319 x 232 x 34.4 (front) / 38.7 (back) mm
Weight	2.3 kg[14]

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Certifications	GOST (WLAN) CE Marking R&TTE (WLAN, Bluetooth®)
Warranty	1 year collect and return
Operational Software	
Home office	Microsoft® Works Adobe Reader Windows Mail (within Vista operating system) Windows Calendar (within Vista operating system)
Multimedia	Nero 8 Essentials (CD / DVD write software) Vista DVD Playback Pack (DVD playback software Windows Media Center (within Windows Vista® Home Premium operating system) Windows Media Player (within Vista operating system) Logitech® QuickCam® application software
Internet	Microsoft® Internet Explorer Country specific Internet providers
Security	Norman Anti-Virus software
Accessories	
Included	AC adapter 65 W First Battery 6 cells Notebook protection sleeve
Manuals	Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide
Drivers	Updates downloadable at http://www.fujitsu-siemens.co.uk

[1] Depending on exact configuration. Please check with your local retailer
[2] DISCLAIMER: Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements if system is preinstalled with 4096 MB RAM.
[3] Shared video memory size may vary depending on configuration. Used video memory size depends on Microsoft® Windows Vista® memory management.
- 1024 MB system memory enables up to 253 MB static and shared memory
- 2048 MB system memory enables up to 765 MB static and shared memory.
- 3072 MB system memory enables up to 1277 MB static and shared memory.
- 4096 MB system memory enables up to 1759 MB static and shared memory.
[4] An adapter is needed for the following card formats: RS-MMC, MMC-Micro, miniSD, MicroSD, SDHC, MS-Duo, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2
[5] AMILOcam frame rate can vary significantly depending on the software application used.
[6] DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features used. Recharge time varies depending on usage. The recharge capacity may decrease after some moths so that the battery lifetime as well as operating time can not be guaranteed for the whole lifetime of the notebook.
[7] Tested with Battery Mark 4.0.1 (“power saver mode”)
[8] DVD playback tested with Vista DVD playback
[9] Tested with Batterymark 4.0.1 (0% to 90%)
[10] DVD playback tested with Vista DVD playback (0% to 90%)
[11] Tested with 3DMark 2006
[12] Tested with Windows Vista® according to ISO 7779 and ISO 9296
[13] Tested with full speed cooling according to ISO 7779 and ISO 9296
[14] Weight may vary depending on actual configuration.

The configuration described in this document is generic and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.

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